

Title (en)

Suction roll for a paper machine

Title (de)

Saugwalze für eine Papiermaschine

Title (fr)

Rouleau aspirant pour une machine à papier

Publication

EP 0889165 B1 20030115 (DE)

Application

EP 98111852 A 19980626

Priority

- DE 19728823 A 19970705
- DE 19728824 A 19970705

Abstract (en)

[origin: EP0889165A2] The suction roller assembly, for a papermaking machine, has at least one additional suction box (46) next to the first suction box (40). Preferably the web (16) is subjected to underpressure through recesses in the roller mantle (32), using blind drillings (38) in the mantle (32). The first suction box (40) extends into the angle zone (25) between the carrier belt and the roller mantle (32) at the entry side. The second suction box (46) is ahead of the first (40), in the direction (24) of web travel.

IPC 1-7

D21F 3/10; D21F 1/50

IPC 8 full level

D21F 1/50 (2006.01); **D21F 3/10** (2006.01)

CPC (source: EP US)

D21F 1/50 (2013.01 - EP US); **D21F 3/10** (2013.01 - EP US)

Cited by

DE102008002035A1; DE102008000178A1; EP2085512A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 0889165 A2 19990107; **EP 0889165 A3 19991208**; **EP 0889165 B1 20030115**; DE 59806909 D1 20030220; US 5968319 A 19991019

DOCDB simple family (application)

EP 98111852 A 19980626; DE 59806909 T 19980626; US 10910398 A 19980702